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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/028,922	
	Filing Date	December 19, 2001	
	First Named Inventor	Daniel HOFFMAN, et al.	
	Art Unit	2817	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	30	Attorney Docket Number	004097 P02

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Robert M. Wallace Reg. No. 29,119	
Signature	<i>Robert M Wallace</i>	
Date	October 5, 2004	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Shelly Hart	
Signature	<i>Shelly Hart</i>	Date 10-05-2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 422 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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10-05-04  
Date Name Jelly Hart

PATENT

Attorney Docket No.: 004097 P02

RW Ref. No.: APM/063-99-CP1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Daniel HOFFMAN, et al.

Serial No.: 10/028,922

Examiner: Unknown

Filed: December 19, 2001

Group Art Unit: 2817

For: PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO  
THE PLASMA WITH ARCING SUPPRESSION

PRELIMINARY AMENDMENT TRANSMITTAL

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Transmitted herewith is a Preliminary Amendment in the above-identified application. The fee has been calculated as shown below.

	Claims remain- ing after amendment	Highest number previously paid for	Present extra	Rate	Additional Fee
Total Claims	125 minus	125 =	0	x \$18	\$000.00
Independent	12 minus	12 =	0	x \$88	\$000.00
If Multiple Dependent Claims Are Present, Add \$300.00					
(If applicant is a "small entity," subtract half of total)					\$000.00
Total additional fee for this amendment					\$000.00

☒ [X] No additional fee is required.

☐ [ ] A check in the amount of \$ is attached.

☒ [X] The Commissioner is hereby authorized to charge any additional fees or deficiencies or credit overpayment to Deposit Account No. 50-0338.

Respectfully submitted,



Dated: October 5, 2004

Robert M. Wallace  
Reg. No. 29,119  
**Customer No. 000044843**  
Attorney for Applicants

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on October 5, 2004 (Date of Deposit)

Date 10-05-04 Name Shelly Hart



PATENT

Attorney Docket No. 4097 P02

RW Ref. No. APM/063-99-CP1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: :  
Daniel HOFFMAN, et al. :  
: Group Art Unit: 2817  
Entitled: PLASMA REACTOR WITH :  
OVERHEAD RF ELECTRODE TUNED TO THE :  
PLASMA WITH ARCING SUPPRESSION :  
: Examiner: Unknown  
Serial No.: 10/028,922 :  
Filing Date: December 19, 2001 :

**PRELIMINARY AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to taking action in this case, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 27 of this paper.